

## ABSTRACT

A printing system includes multiple print units which each have one or more printbar assemblies to transfer an imaging medium onto a print media. An individual print unit can include a heater system to dry the imaging medium

5 transferred onto the print media by the one or more printbar assemblies of the individual print unit. For a printing system with two print units, a first percentage of the imaging medium is transferred onto the print media, the print media is advanced beyond the one or more printbar assemblies of the first print unit, and a first heater system dries the first percentage of the imaging medium.

10 A second percentage of the imaging medium is then transferred onto the print media, the print media is advanced beyond the one or more printbar assemblies of the second print unit, and a second heater system dries the second percentage of the imaging medium.